**EE451 Mobile Communication Systems**

**Project Presentations**

**Instructions:**

* The time slot for each presentation is 10-12 minutes, and some minutes for Q&A.
* Attendance is mandatory in all classes. You will lose points for not attending all sessions.
* Each student should actively participate in the presentations by asking questions and indulging in discussions.

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| **Group No.** | **Group Members** | **Project Title** | **Time** |
| **Tuesday (12-12-23)** | | | |
| 1 | Amal Irfan (344691) | LiFi (Light Fidelity) | 2:05 pm – 2:15 pm |
| Maryam Riaz (341962) |
| Sadaf Inam (343294) |
| Sehrish Kazmi (334099) |
| 2 | Muhammad Umer (345834) | Federated Learning for Wireless Communication | 2:20 pm – 2:30 pm |
| M. Ahmed Mohsin (333060) |
| 3 | Abdullah Sohail (343642) | Quantum Communication | 2:35 pm – 2:45 pm |
| Mirza Wasay (336818) |
| Kamran Hassan Khan (348940) |
| Aliasgher Mohammed (336490) |
| 4 | Yaminah Shafique (334227) | Adaptive Modulation & Coding Techniques | 2:50 pm – 3:00 pm |
| Junaid Ahmad (340524) |
| Muhammad Hamza Nawaz (346607) |
| **Thursday (14-12-23)** | | | |
| 5 | M.Taha Qaiser (332741) | NOMA | 11:05 am – 11:15 am |
| M.Sarmad Sohail (348199) |
| Minahil Shafqat (331805) |
| Maheen Salman (342603) |
| 6 | Malik Allah Yar (341983) | 5G | 11:20 am – 11:30 am |
| Nimra Nisar (336924) |
| Muhammad Bin Amir (338594) |
| 7 | Abdul Sami (345328) | UAV Communication | 11:35 am – 11:45 am |
| Muhammad Bilal (333695) |
| Muhammad Ahmad Khan (335881) |
| Muneeba Bint Shahzad(332560) |
| 8 | Syeda Amna Naeem (340436) | Green Radio | 11:50 am – 12:00 pm |
| Ayza Amer (332631) |
| Maryam Shafiq (352203) |
| Hafiz Ryan Ahmed (332611) |
| 9 | Hamza Ali (340543) | V2X Communication | 12:05 pm – 12:15 pm |
| Ahmad Ali (334341) |
| Sohaib Junaid (356604) |
| 10 | Sarah Qasim (350116) | mm-Wave/THz Communication | 12:20 pm – 12:30 pm |
| Syed Aun Ali Kazmi (342384) |
| Muhammad Atik Younus (342311) |
| Usman Ahmad (333763) |
| 11 | Wajih Hassan Raza (356850) | IRS | 12:35 pm – 12:45 pm |
| Muhammad Ibrahim (337300) |
| Muhammad Moiz (331847) |
| Muhammad Talha Malik (345071) |
| **Tuesday (19-12-23)** | | | |
| 12 | Syeda Fatima Zahra | Massive MIMO | 2:05 pm – 2:15 pm |
| Muhamad Bilal |
| Tariq Umar |
| Hassan Rizwan |
| 13 | Ayesha Khanam (332084) | Vehicular Communication | 2:20 pm – 2:30 pm |
| Saaram Ali Chaudhary |
| Fajar Imran (339421) |
| Muhammad Rehan Basharat (333394) |
| 14 | Maryam Asif (336531) | Multicarrier Techniques  MC-CDMA | 2:35 pm – 2:45 pm |
| Ahmad Arslan (356766) |
| Maria Noor Wagho 336228 |
| 15 | Muhammad Usman Khanzada (343639) | Molecular Communication | 2:50 pm – 3:00 pm |
| Yusra Ahmed (341836) |
| Talha Anwar (307793) |
| **Thursday (21-12-23)** | | | |
| 16 | Sania Khan Tareen (332190) | VMM for IPv6 based networks | 11:05 am – 11:15 am |
| Mair Ahmed (345971) |
| 17 | Muhammad Ali Farooq (331879) |  | 11:20 am – 11:30 am |
| Muhammad Hassaan Ghazali (334128) |
| Imran Haider |
| 18 | Muhammad Adnan Mirza (350471) | Multicarrier Techniques  SC-FDMA | 11:35 am – 11:45 am |
| Shameen Mazhar (347358) |
| 19 | Muhammad Shaheer Malik (342575) | LTE | 11:50 am – 12:00 pm |
| Hassaan Saeed (345660) |
| 20 | Ahamed Musharaf (356481) | WiMAX | 12:05 pm – 12:15 pm |
| Saad Hassan (338907) |
| Ch. Hashir Khan (332123) |
| 21 | Abdul Majid (333434) | VoIP | 12:20 pm – 12:30 pm |
| M.Huzaifa (332240) |
| Raahim Ahmad |
| 22 | Laraib Nadeem (345867) | 4G | 12:35 pm – 12:45 pm |
| Muhammad Waleed Razzaq (348952) |
| **Tuesday (26-12-23)** | | | |
| 23 | Samiullah (333816) | LPWAN | 12:50 pm – 1:00 pm |
| Muhammad Ahmad Usman (336797) |
| 24 | Muhammad Masood Ul Hassan (335796) | VANET via mmWave and DRSC | 1:05 pm – 1:15 pm |
| Nida Wakeel (335320) |
| Muhammad Umar Ibrahim (332753) |
| Khansa Shakeel (347769) |